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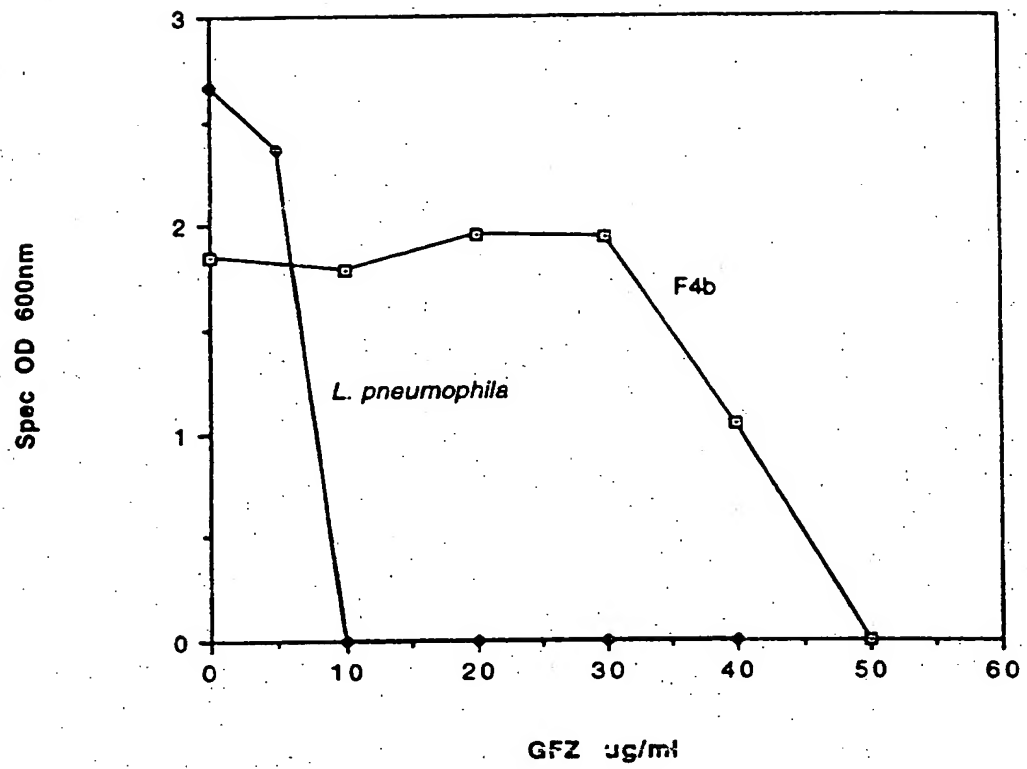
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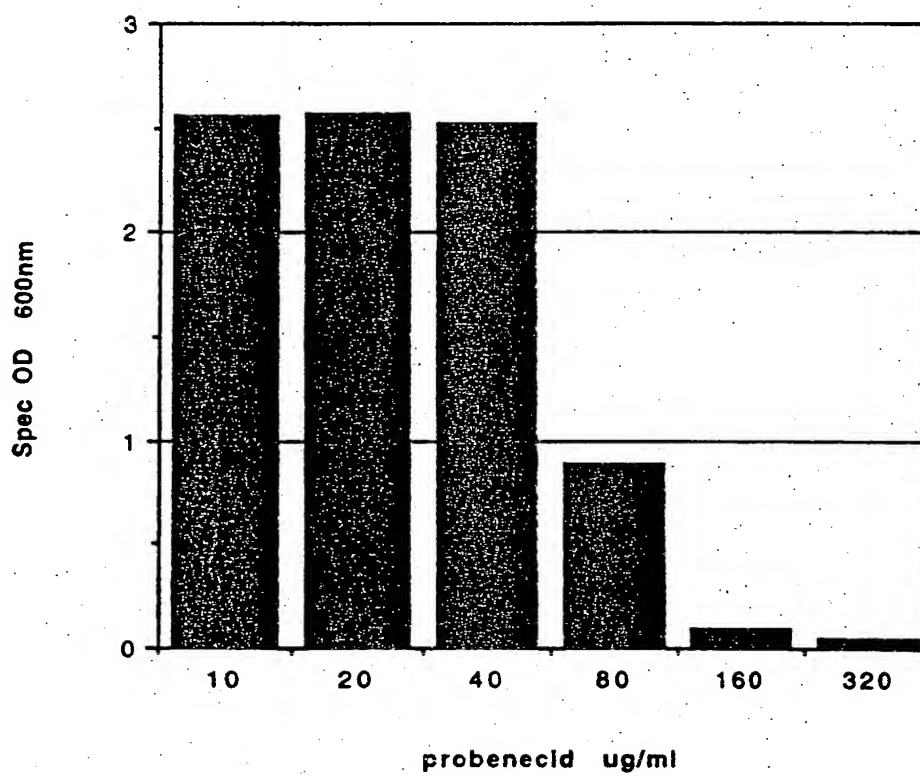
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FIGURE 1



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**FIGURE 2**



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FIGURE 3

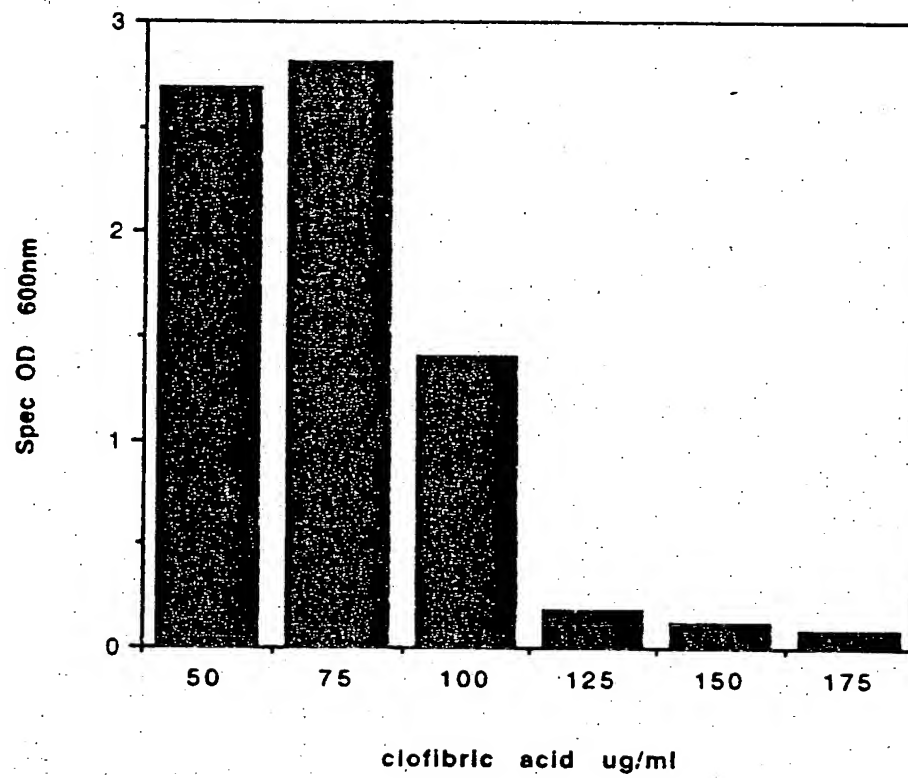


FIGURE 4

## Sensitivity Screen

Organism	Sensitive?
<b>Legionella pneumophila</b>	yes
Acinetobacter sp.	no
Actinobacillus sp.	no
Azobacter vinlandi	no
Bacillus aureus	no
<b>Bacillus subtilis</b>	yes
Cardiobacterium sp.	no
<b>Caulobacter crescentus</b>	yes
Citrobacter freundii	yes
(4) Corynebacterium sp.	no
Enterobacter cloacae	no
Enterococcus faecalis	no
Escherichia coli	no
Klebsiella pneumonia	no
Leuconostoc sp.	no
(6) <b>Nocardia sp.</b>	yes
Pediococcus sp.	no
Proteus mirabilis	no
Pseudomonas aeruginosa	no
Rhizobium nulilo	no
<b>Rhodobacter spheroides</b>	yes
(3) Rhodococcus sp.	no
Salmonella sp.	no
Serratia marcescens	no
Shigella sp.	no
Xanthomonas sp.	no
(5/6) Group A Streptococcus sp	no
(1/6) <b>Group A Streptococcus sp.</b>	yes
(3) <b>Coag neg Staphylococcus aureus</b>	yes
(3) <b>Coag pos Staphylococcus aureus</b>	no.
<b>Mycobacterium tuberculosis</b>	yes
Mycobacterium chelonae	no
Mycobacterium fortuitum	no

FIGURE 5

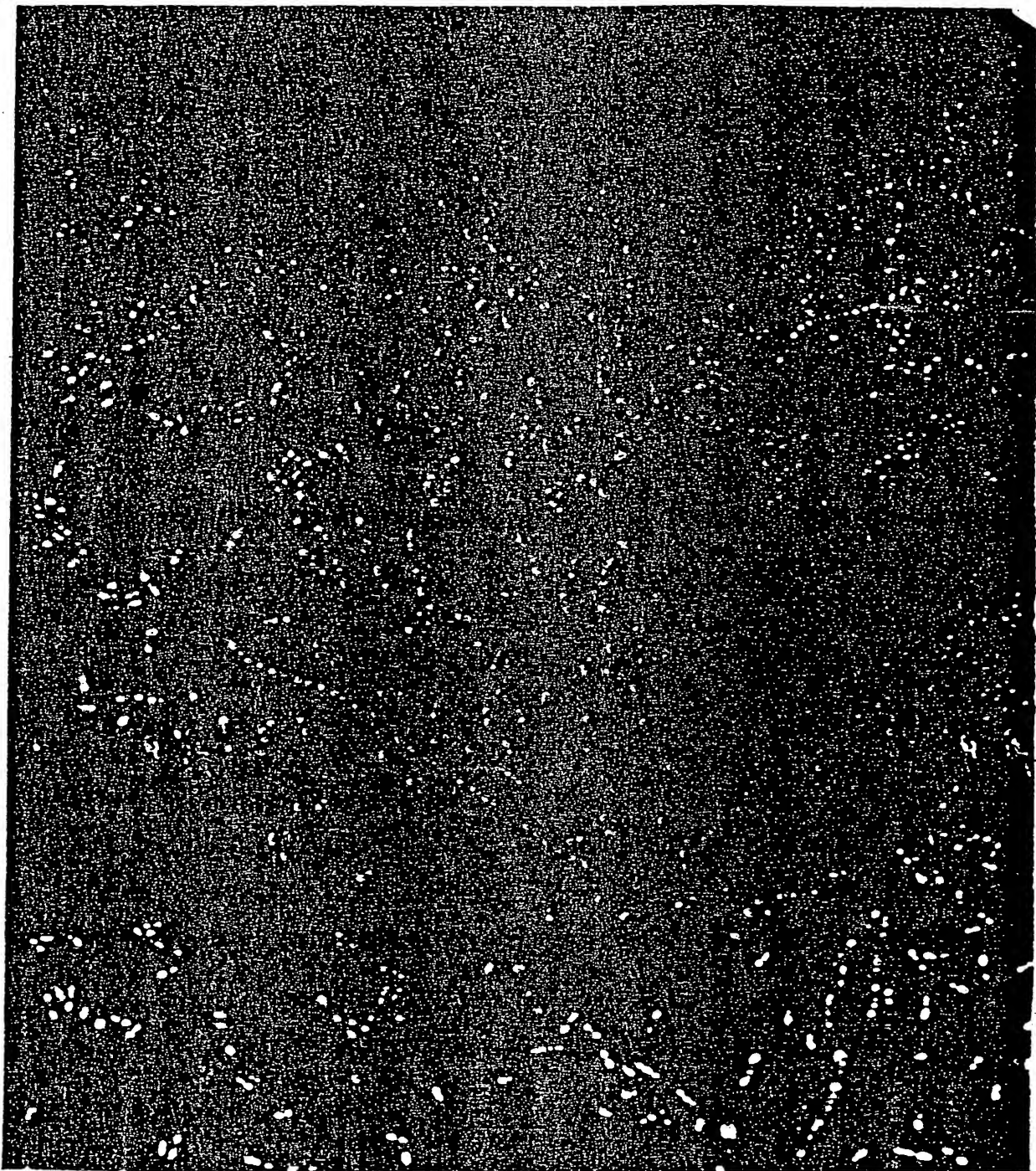
MDR-*M. tuberculosis* Sensitivity to GFZ

Strain	GFZ 0 ug/ml	GFZ 25 ug/ml	GFZ 50 ug/ml	GFZ 100 ug/ml	GFZ 200 ug/ml
W54410	++	+	35	-	-
5260	++	++	43	-	-
T30234	++	++	+	-	-
O81256	++	++	+	-	-
W19521	++	++	+	-	-
O80154	+++	++	+	-	-
CDCN	++	ND	+	-	-
H52578	++	++	++	-	-
CDCP	+++	ND	++	-	-
O80711	++	++	+	6	-
S 15674	++	++	+	10	-
M23294	++	++	++	4.5	-
CDCK	+++	ND	++	6	-
M41151	++	++	++	7.5	-
F16285	++	++	++	10	-
T45777	+++	+++	+++	+	-
Avanto	+++	ND	+++	+	-
Harrison	+++	ND	+++	+	-
CDCL	+++	ND	+++	+	-
Montalvo	+++	ND	+++	+	-
MTB2517	+++	ND	+++	+	-

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FIGURE 6A

$P1^U$  (stat. phase)  
OGFZ



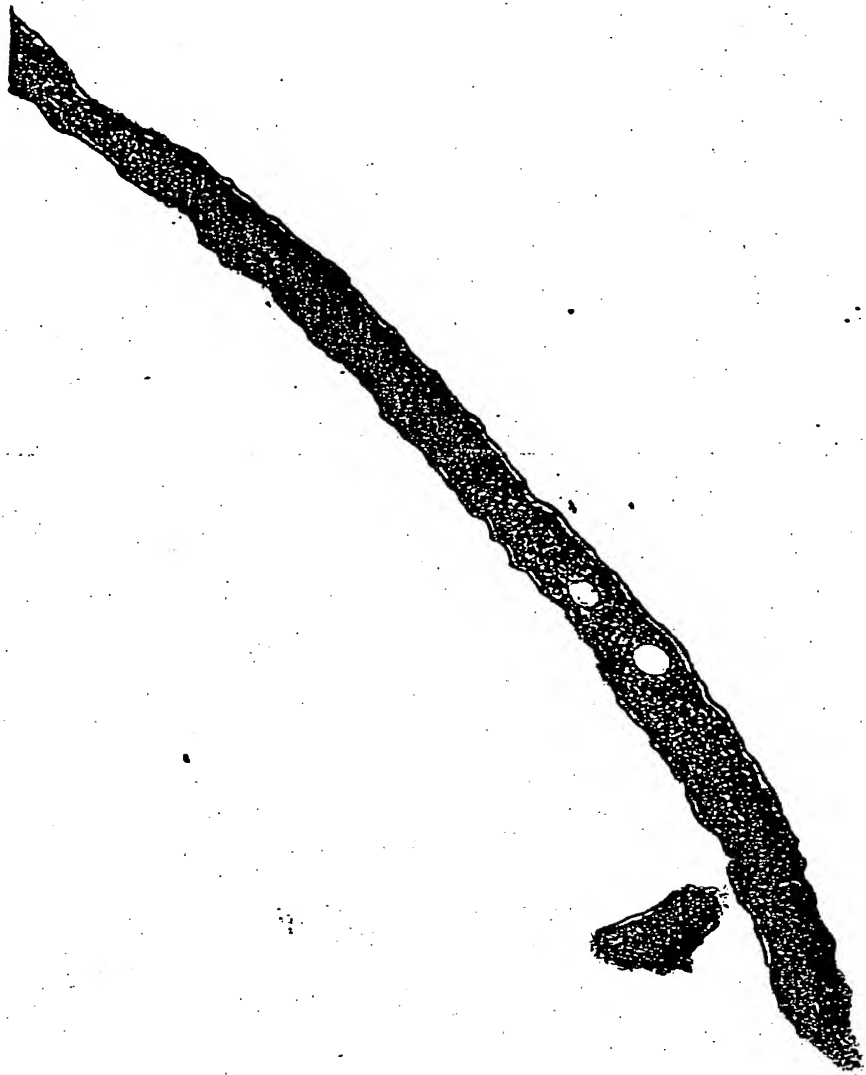
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FIGURE 6B

Phil + (3107) photo  
⊕G5Z

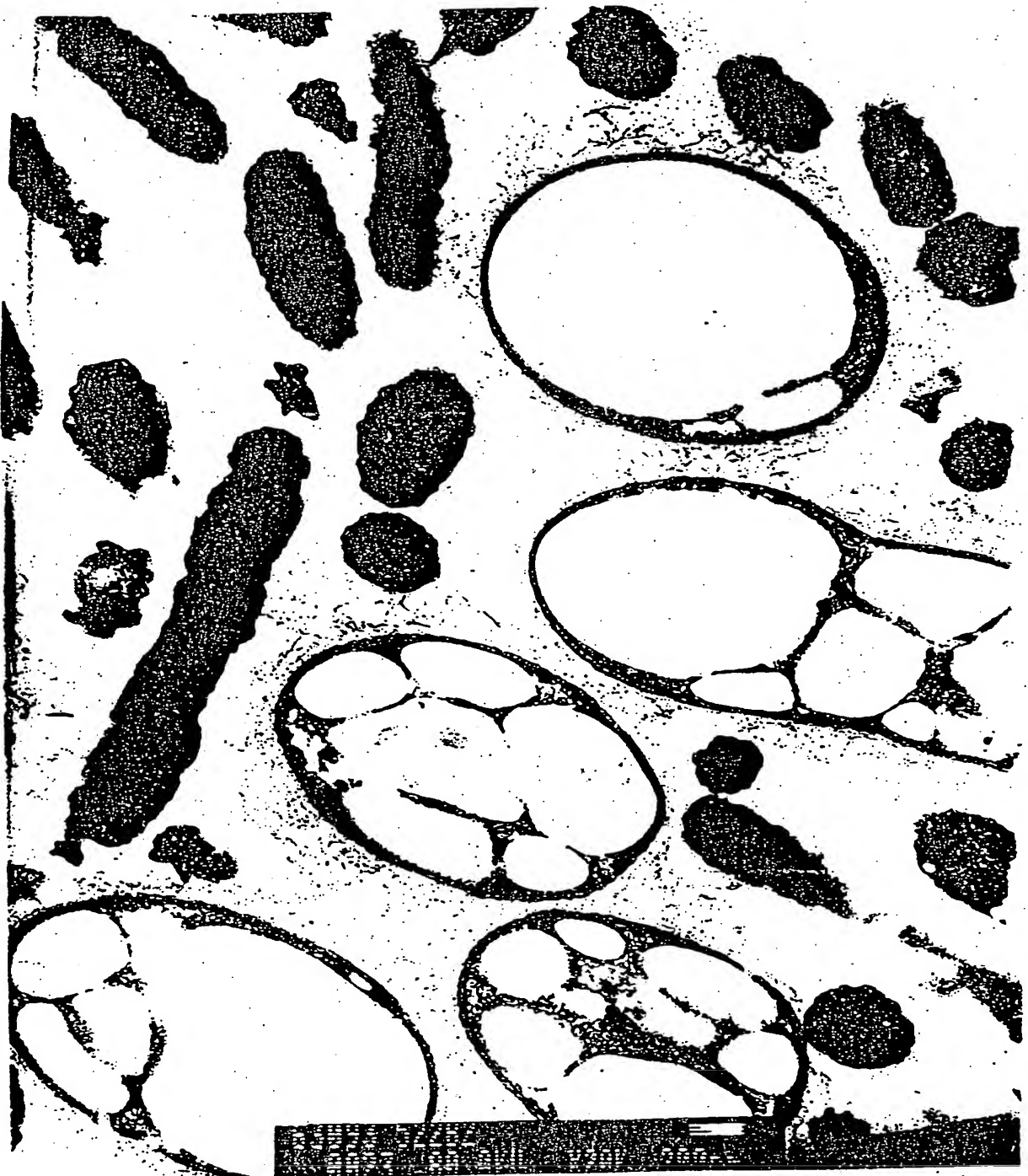




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FIGURE 7



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FIGURE 8



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FIGURE 9A

*L. pnneumophila* 4.5 hrs (-GFZ)

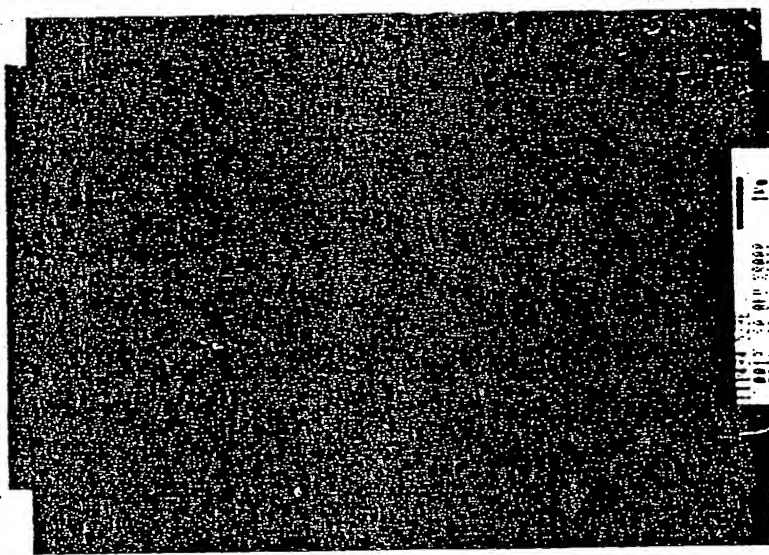
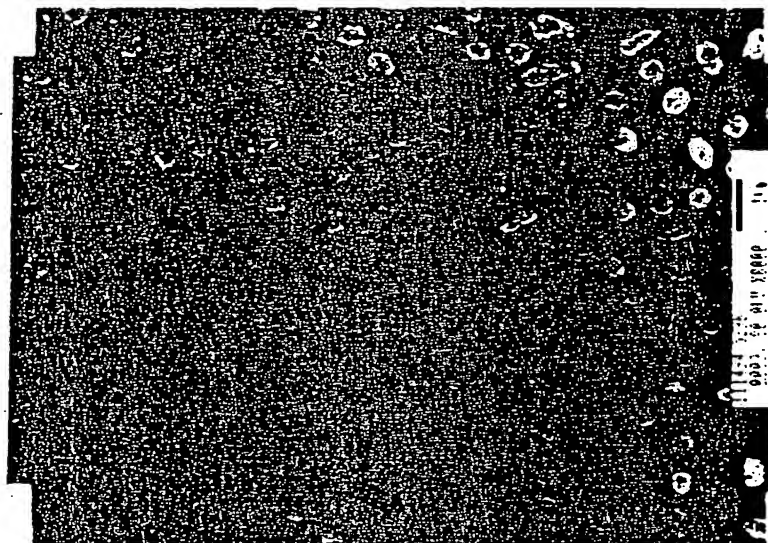
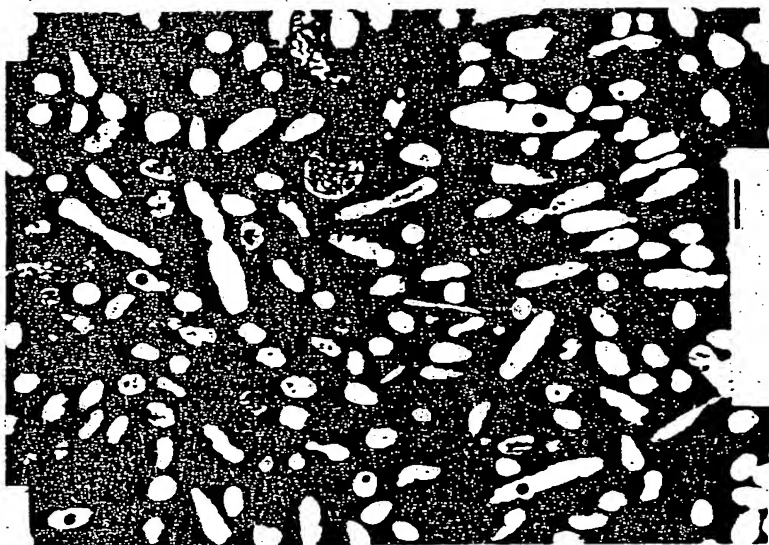


FIGURE 9B

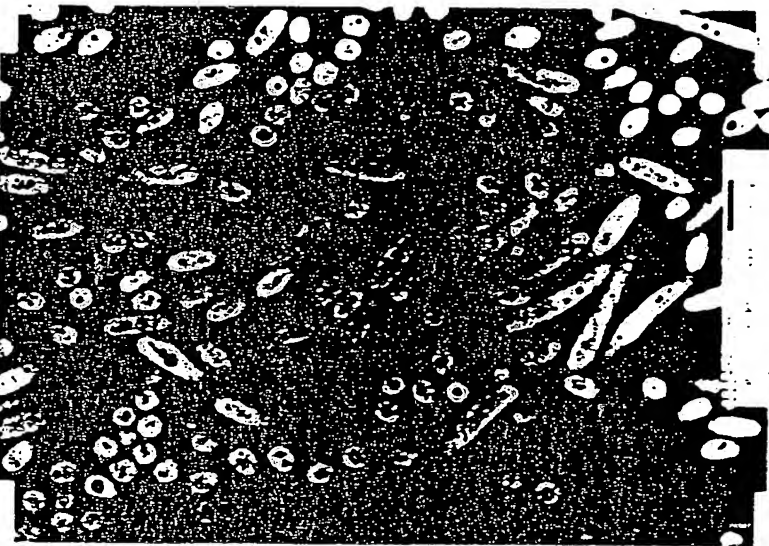
F4b 4.5 hrs (-GFZ)



**FIGURE 9D**  
F4b 4.5 hrs (+GFZ)



**FIGURE 9C**  
L. pnneumophila 4.5 hrs (+GFZ)



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FIGURE 10A

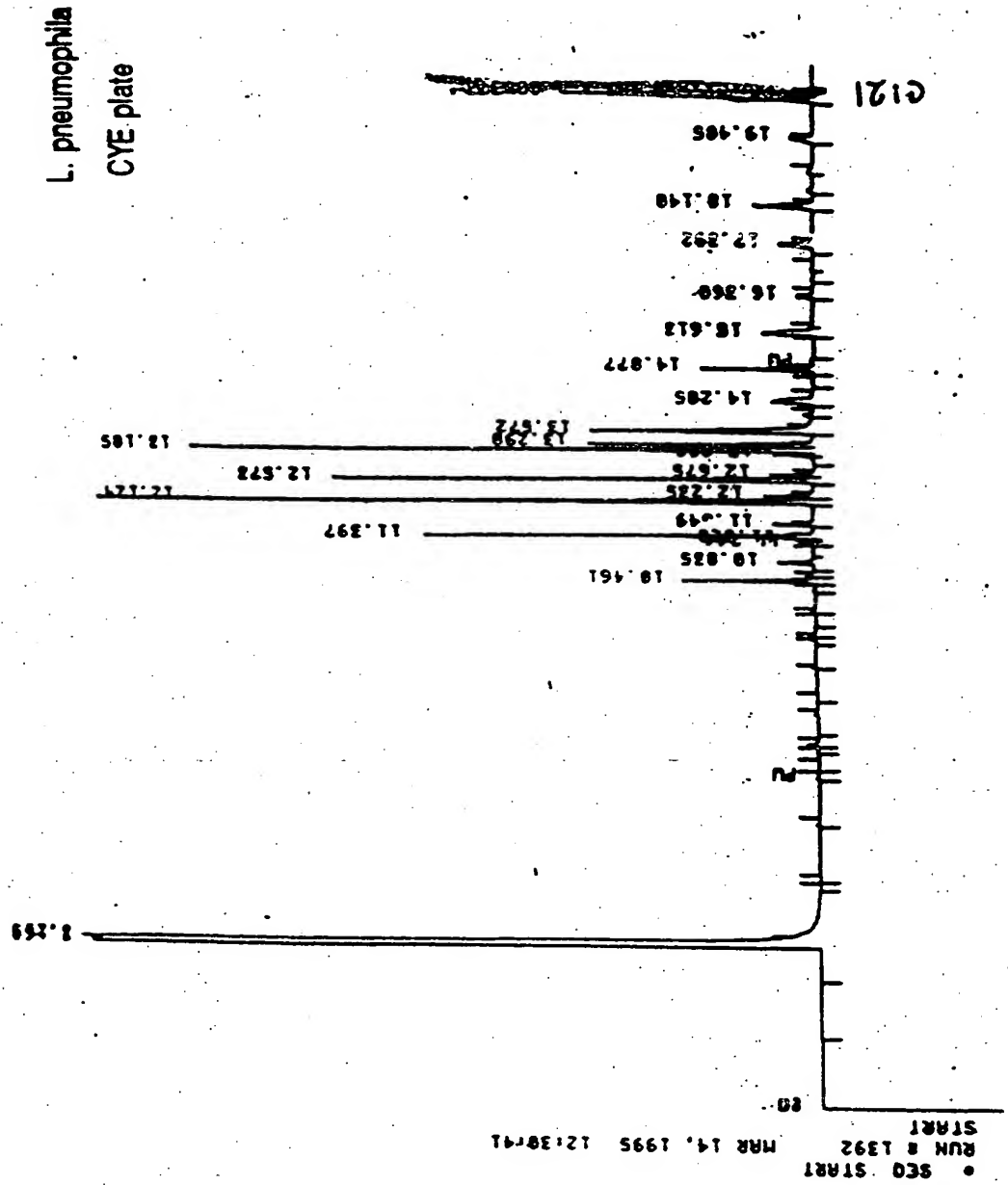
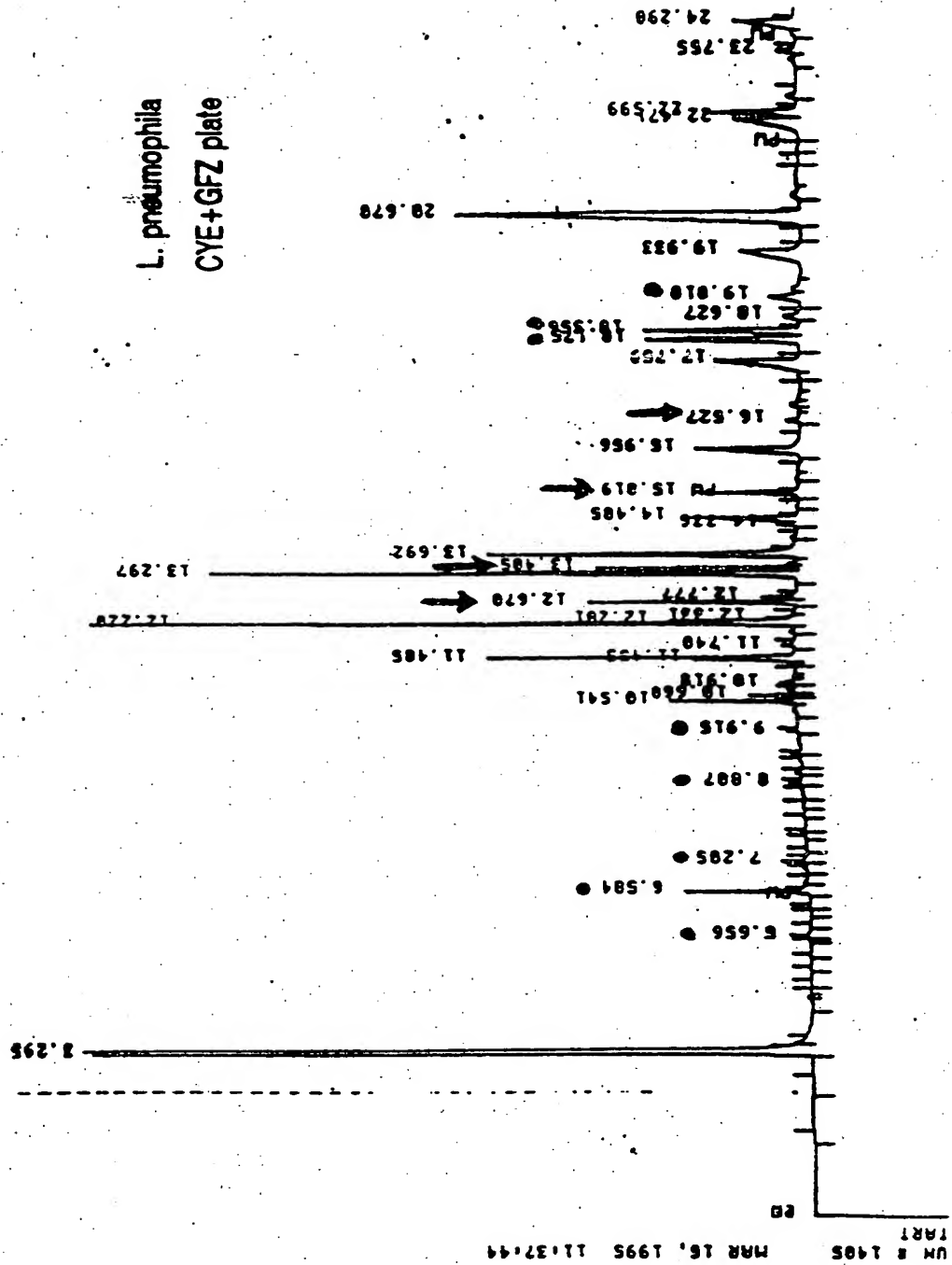


FIGURE 10B



**FIGURE 10C**

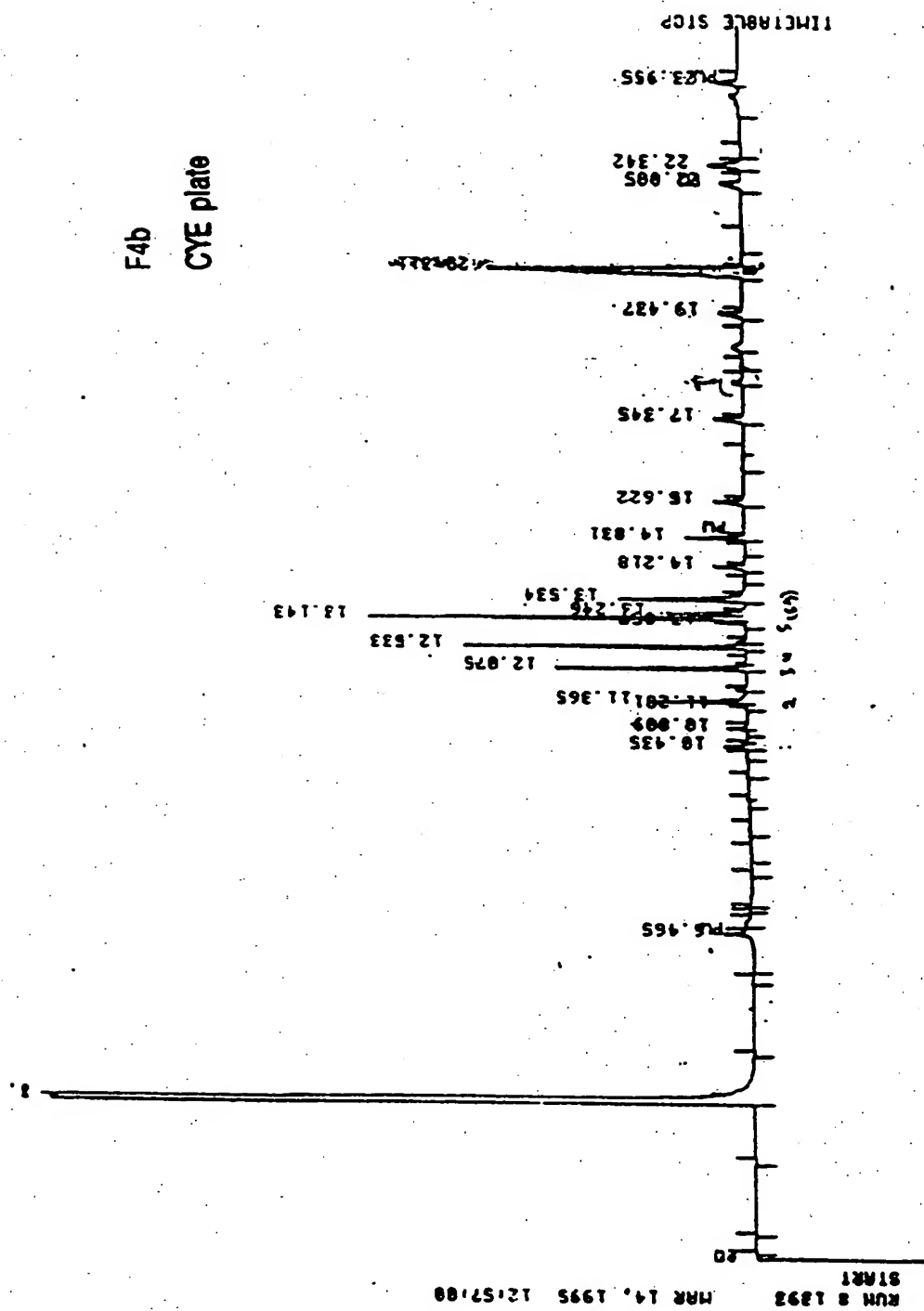


FIGURE 10D

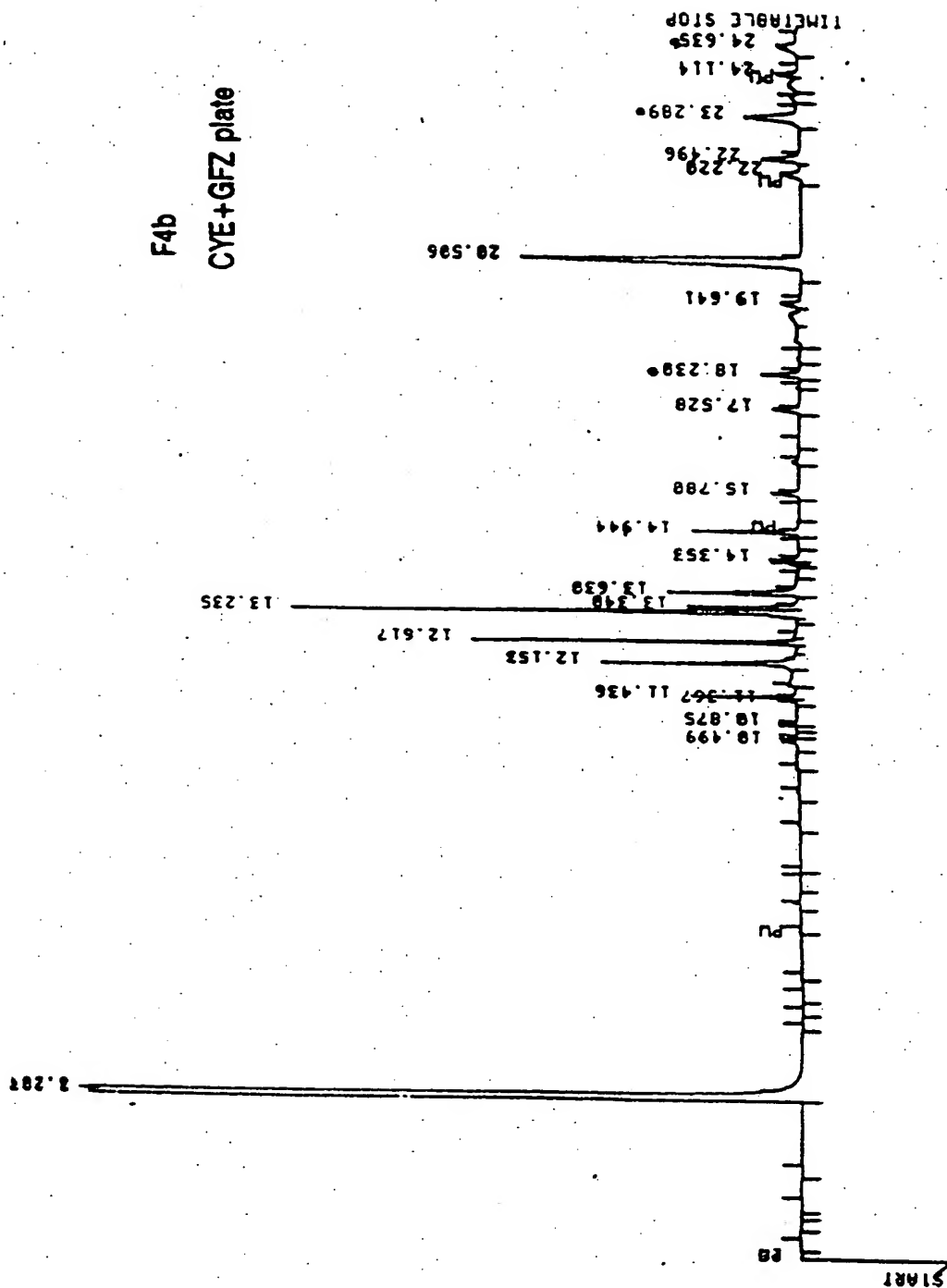




FIGURE 11

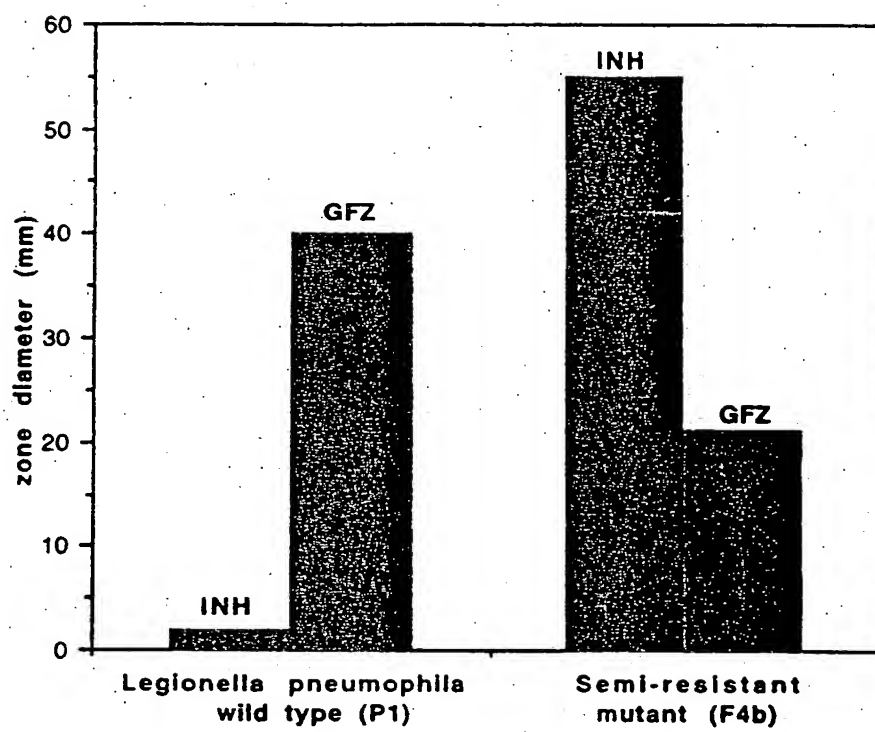


FIGURE 12

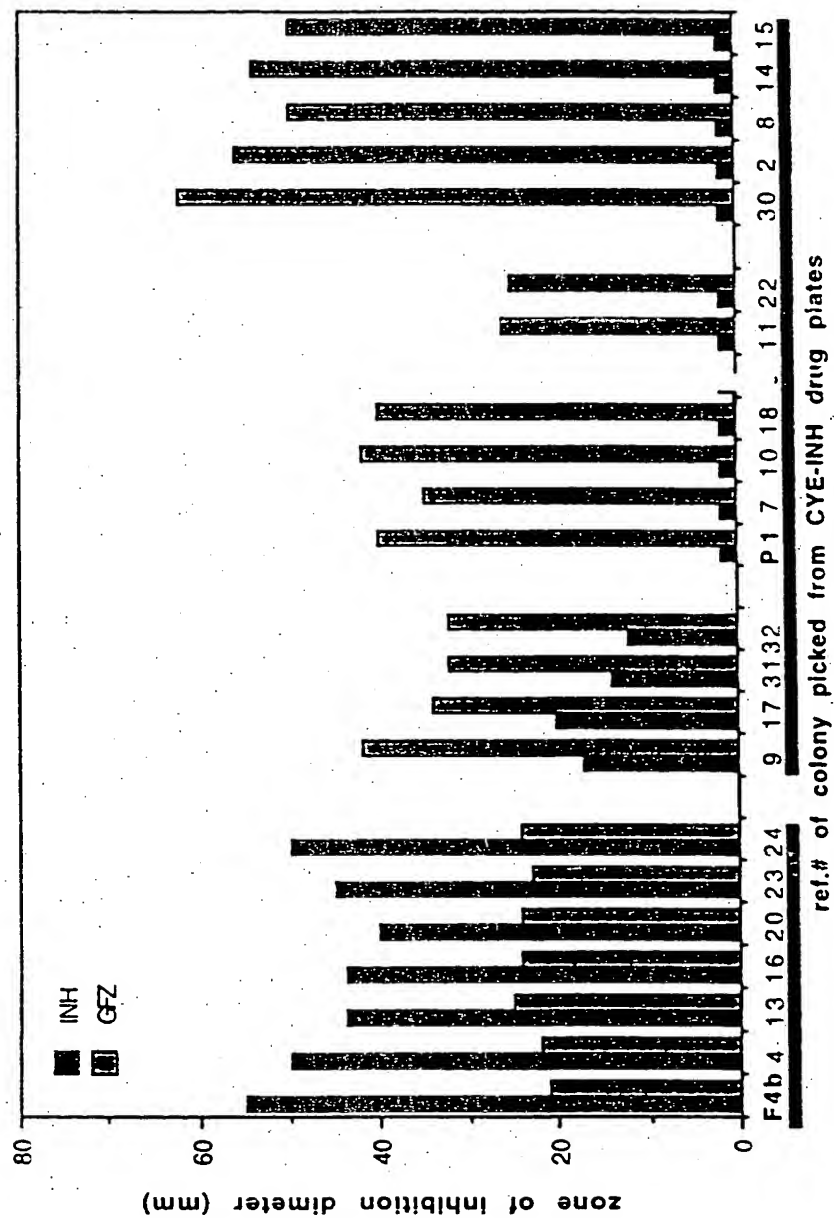
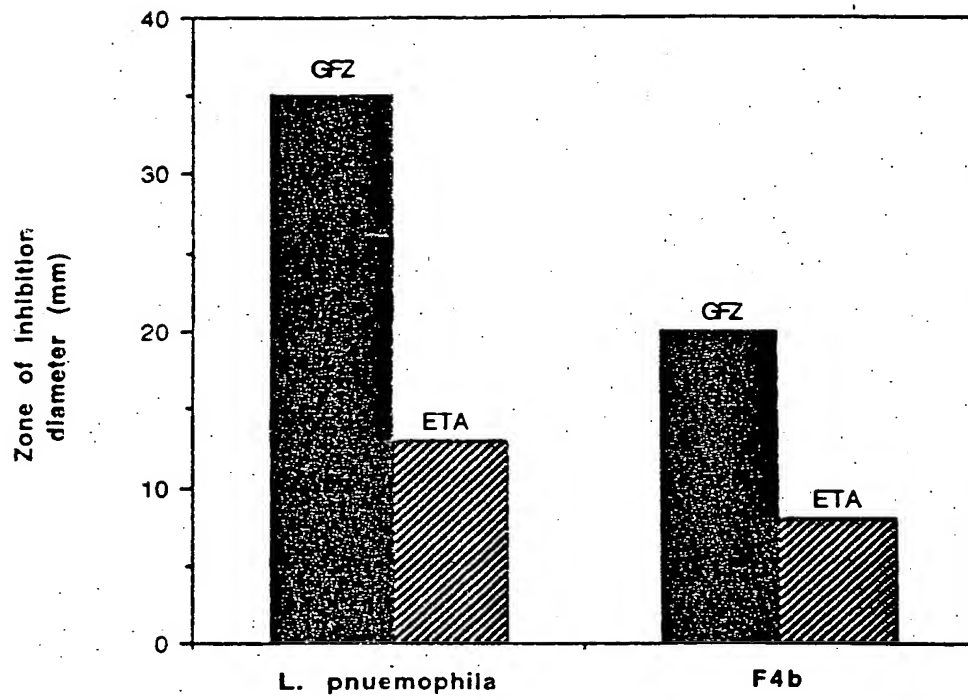


FIGURE 13



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FIGURE 14A

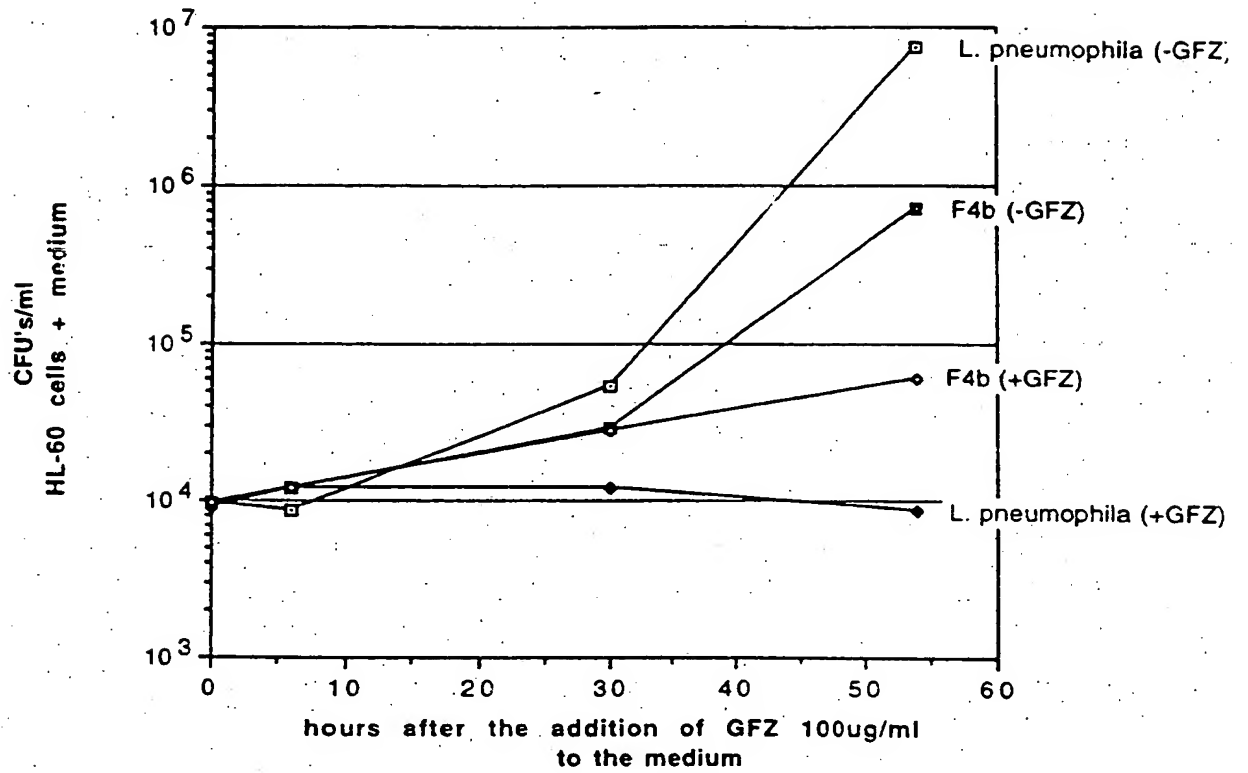


FIGURE 14B

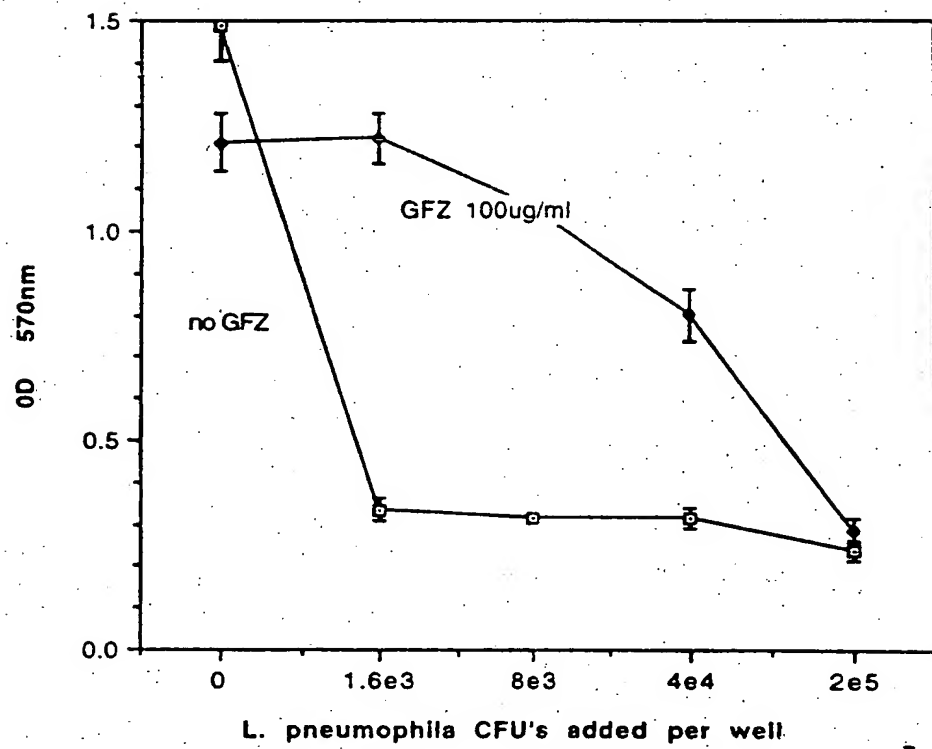
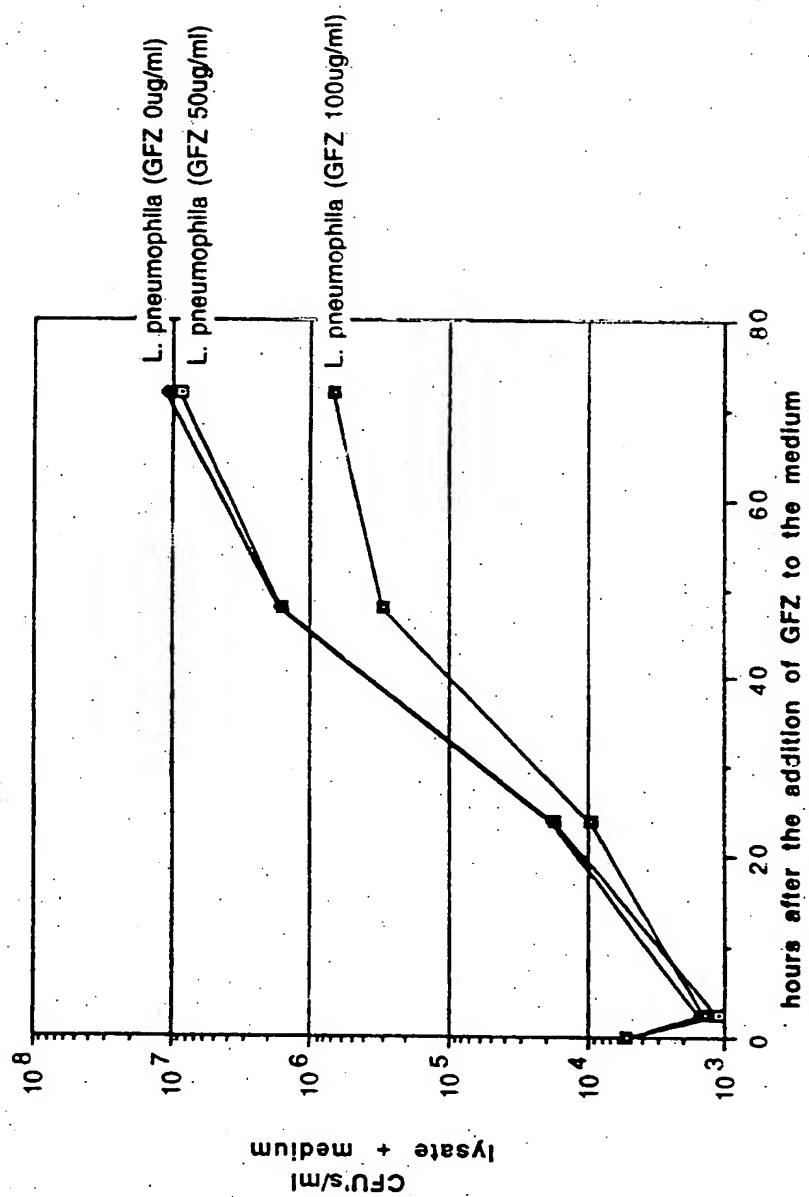


FIGURE 15A



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FIGURE 15B

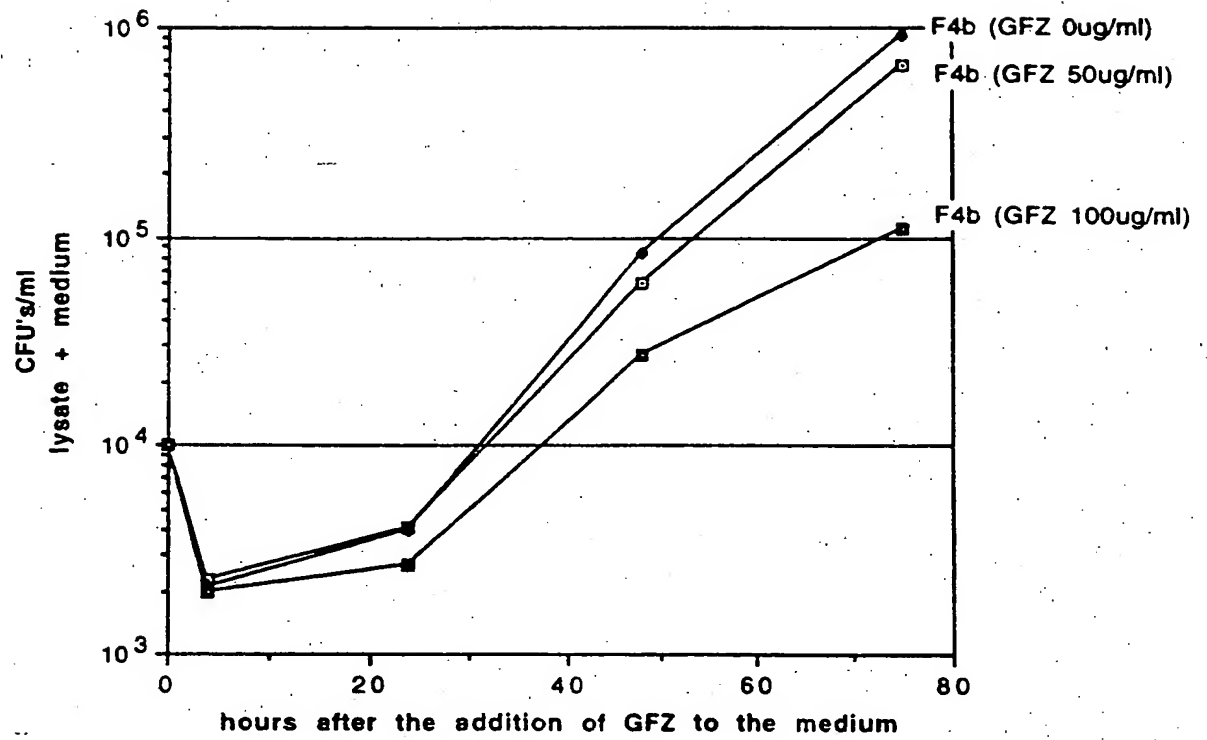
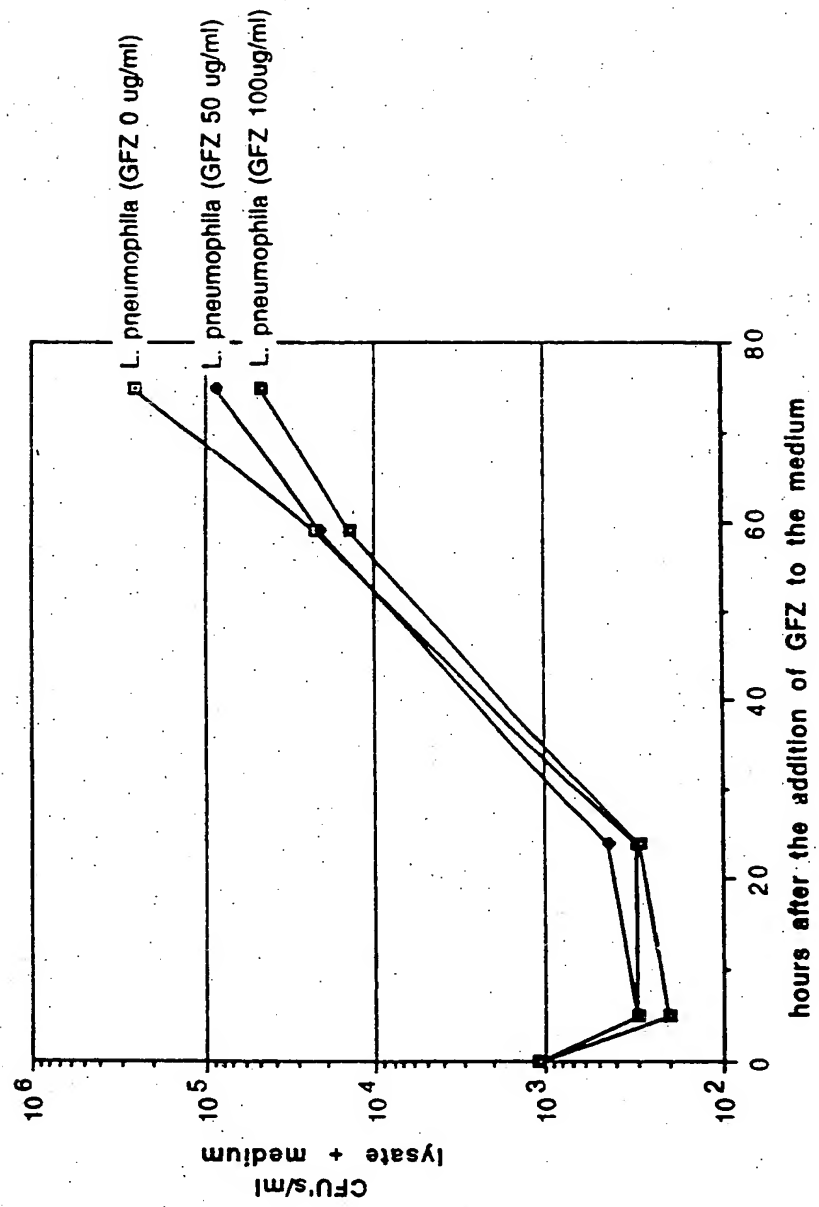


FIGURE 15C





**FIGURE 16**

	Zones of Inhibition diameter (mm)	
	Permissive Temperature	Restrictive Temperature
<b>STRAIN</b>	<b>30C</b>	<b>42C</b>
ts100	0	no growth
ts100:pBSK	0	no growth
ts100:pBSK2.1	0	19
101envM+	0	0
101envM+:pBSK	0	0
101envM+:pBSK2.1	0	0
DH5a	0	0
DH5a:pBSK	0	0
DH5a:pBSK	0	0